CULLEOKA UNIT SCHOOL CURRICULUM GUIDE

HOME OF THE WARRIORS

2024-2025

Culleoka Unit School

School Hours: 7:00 a.m. – 3:00 p.m.
931-987-2511
931-987-2594 (fax)
www.culleokaschool.com

Administrative Team

Ms. Penny Love, Principal
Mrs. Mallory Hubbell, Assistant Principal
Mrs. Lela Jill Parks, Assistant Principal
Mrs. Alison Reischman, High School Counselor

Vision
100% of Culleoka Unit School students will meet or exceed grade level expectations in ELA/Math by 2026 as measured by TN Ready.

Mission
We exist to develop capable, confident thinkers equipped to solve tomorrow's challenges.

Core Values
We will seek in all we do to prepare students for life by providing a safe, secure, supportive school community.

Ready Graduate
Culleoka is committed to partnering with parents and guardians to prepare students for a successful transition into postsecondary education and the opportunity to secure high-quality employment. We celebrate each student's hard work towards being better prepared for life after high school. The Tennessee Department of Education sets graduation requirements that best prepare students for opportunities to be successful post-high school whether they choose college, technology schools, military, or immediate transition to the work force. **Students who meet one of the following criteria demonstrate they are a "Ready Graduate:"**

- Scoring 21 or higher on the ACT or
- Completing 4 EPSOs or
- Completing 2 EPSOs + earning industry certification or
- Completing 2 EPSOs + ASVAB designated score

An EPSO is an early post-secondary opportunity- a course and/or exam that gives students a chance to obtain postsecondary credit while still in high school. Culleoka Unit School offers four types of EPSO classes: Advanced Placement, Statewide Dual Credit, Dual Enrollment, and Capstone Industry Certification-Aligned. In addition to meeting State graduation requirements, our goal is for students to be "Ready Graduates" who have the skills and confidence required for success after high school.

Advanced Placement (AP) Courses and Advanced Placement Access for All (APAA)
Advanced Placement (AP) is a program which offers college-level curricula and examinations to high school students. Taking AP courses builds the skills needed throughout the college years. They provide a rigorous mental workout and stretch time management and study skills. In an AP class, students gain the skills and confidence to handle challenging issues and problems with the support of the high school AP teacher. Most colleges and universities nationwide offer college credit, advanced placement, or both for qualifying AP exam scores.

Advanced Placement Access for All (APAA) courses are offered through the Niswonger Online program. Please visit www.niswongeronline.com for more information. If you are interested in taking an online AP Access for All course, please include on your registration sheet and see your school counselor for further instructions and to see if you meet the eligibility criteria.

Statewide Dual Credit
A Statewide Dual Credit Course is a high school course that incorporates postsecondary learning objectives and is aligned with an approved dual credit challenge exam. There is no charge, and all students are required to take the online challenge exam. ***Students who pass the challenge exam "bank" postsecondary credit immediately and receive "transcripted" credit upon enrollment at any Tennessee public postsecondary institution***. Statewide Dual Credit is funded by the State and does not affect a student's Dual Enrollment grant funds. The following Statewide Dual Credit courses are offered at Culleoka:

Banking and Finance	SDC Introduction to Business
Criminal Justice	SDC Criminal Justice
English	SDC Speech and Communication
Horticulture Science	SDC Introduction to Plant Science
Humanities	SDC Psychology
Math	SDC Pre-Calculus SDC Probability and Statistics
Social Studies	SDC U.S. History SDC World History

Capstone Industry-Aligned Certification Classes
The programs of study for career and technical education (CTE) culminate in opportunities for industry certifications, work-based learning experiences, and/or early postsecondary opportunities (EPSOs). CTE course standards align to industry-recognized certifications. Capstone industry certifications count for postsecondary credit at Tennessee Colleges of Applied Technology (TCATs) and can transfer clock hours to TCATs and community colleges that offer these certifications.
Culleoka staff facilitate enrollment in classes offered at CUS.

Dual Enrollment at CUS
The Tennessee Colleges of Applied Technology (TCATs) at Hohenwald and Pulaski offer Dual Enrollment courses that can be offered at Culleoka taught by Culleoka teachers. Students earn hours toward an industry certification or diploma through the TCAT while also earning high school credit. These courses also may count toward a Focus Area for graduation purposes. Culleoka staff facilitate enrollment in classes offered at CUS. Dual Enrollment in a TCAT class taught at CUS is funded by the student's Dual Enrollment Grant.

Early Post-Secondary Opportunity: Dual Enrollment at Columbia State Community College
Dual Enrollment (DE) allows high school juniors and seniors to enroll in Columbia State Community College (CSCC) classes and receive both college credit and high school credit for these classes. See your school counselor for approval before enrolling in classes.

Cost of tuition may be covered through the DE Grant program funded by the Tennessee Lottery and administered by the Tennessee Student Assistance Corporation (TSAC). Information regarding Dual Enrollment grant funding for community college and TCAT institutions may be found at the following website: https://www.collegefortn.org/dualenrollment/

Steps to enrollment **(Access all forms online at CSCC dual-enrollment.)**

1. Go to https://www.columbiastate.edu/admissions/become-a-student/high-school-student/index.html and complete both the DE Application and the DE Grant Application. (If first time for the grant, create a TSAC account.)
2. Print and complete the CSCC DE Consent Form. Take the Consent Form to your counselor and request that it be sent to CSCC along with your transcript and ACT scores. (Students who have participated in DE through a TCAT must also send a TCAT transcript directly from the TCAT to CSCC.)
3. After you receive your CSCC log-in, register for CSCC classes. (There are prerequisites for many courses.) CSCC class times may not conflict with your CUS schedule.
4. Take a copy of the CSCC Student Detail Schedule to your counselor for the class to be included in your CUS schedule.
5. Notify your school counselor before dropping a class. Failure to do so may result in the denial of future requests to participate in Dual Enrollment.
6. For each subsequent semester, register for classes, and turn in a copy of the CSCC Student Detail Schedule to your counselor.
7. **See your counselor if you have any questions.**

To stay in the DE program while in high school, a student must maintain a 2.0 GPA in the college courses taken. To remain eligible for the DE Grant, students must maintain at least a 2.0 GPA for all postsecondary courses attempted under the Dual Enrollment Grant. Additional requirements and restrictions regarding the DE Grant may be viewed at the TSAC website.

Honors Classes
Honors courses are high school courses that provide additional rigor and substantially exceed the academic standards approved by the State Board of Education. Instructional approaches facilitate maximum interchange of ideas among students: independent study, self-directed research and learning, and appropriate use of technology. Honors course include elements such as extended reading assignments, research-based writing assignments, and projects that apply course curriculum to relevant or real-world situations.

Per the State Uniform Grading Policy, **three points are added to the grades** of students in honors courses.

Testing

- **State Tested Course**
  State exams will be administered at the completion of courses as determined by the Tennessee Department of Education. These exams are English I, English II, Biology I, US History & Geography, Algebra I, Algebra II, and Geometry.

- **ACT**
  This exam is mandatory for all 11th grade students and is a graduation requirement. It will be given on a state designated school day, and scores are reportable for college admission. For additional test dates go to www.actstudent.org

- **Civics**
  All students are required to take and pass a civics exam prior to graduation.

College Athletics

A student who plans to enroll in college and participate in athletics in an NCAA or NAIA school must be certified by the appropriate eligibility center. Students should apply for certification at the end of the junior year. Athletes and their parents should review the eligibility center websites for classes meeting core requirements to insure they are taking appropriate courses to meet eligibility criteria.

CTE Student Organizations

Professional organizations are an integral part of Career and Technical Education (CTE) classes. These organizations develop leadership characteristics through in-class activities as well as opportunities outside the classroom. Members are eligible to participate in competitive events, community service, professional development, and social activities. To benefit fully from membership, students are strongly encouraged to join the professional organization(s) at the beginning of the school year for their focus area and scheduled CTE classes. Culleoka has the following CTE student organizations:

Agriculture	FFA	Future Farmers of America
Business/Finance	FBLA	Future Business Leaders of America
Criminal Justice		Blue Knights
Health Science	HOSA	Health Occupations Students of America
STEM	TSA	Technology Student Association

Scholarships

To receive the TN Promise Scholarship, a student meeting residency and citizenship requirements need only complete the online application and FAFSA, attend a mandatory meeting, perform 8 hours community service each term, and participate in a mentoring program. Students who complete the steps receive an award toward tuition to an eligible postsecondary institution. This means that every high school graduate can attend a community college or Tennessee College of Applied Technology for two years with little out of pocket expense.

The Hope Scholarship is funded by the TN Education Lottery Scholarship Program. Graduates with a 3.0 grade point average or a 21 composite on the ACT are awarded up to $2,250 per full-time enrollment semester to attend an eligible four-year school or up to $1,600 per full-time enrollment

semester for eligible two-year schools. Awards increase in the junior and senior years. The Hope Scholarship may be used at TN public colleges and universities as well as many TN private colleges.

Classification of Students

At the conclusion of each school year, students are classified by grade level for the upcoming school year using the following criteria of total credits earned:

Freshman Status	0 – 4 ½ credits
Sophomore Status	5 - 9 ½ credits & 2nd year in high school
Junior Status	10 - 14 ½ credits & 3rd year in high school
Senior Status	15 or more credits & 4th year in high school

Culleoka Unit School
Graduation Requirements

22 Credits Required for Graduation

English	**4 Credits**
English I	1
English II	1
English III	1
English IV	1

Math (Students must take math each year.)	**4 Credits**
Algebra I	1
Geometry	1
Algebra II	1
Upper Level Math	1

Personal Finance	**.5 Credits**

Wellness and Physical Ed	**1.5 Credits**
Lifetime Wellness	1
Physical Education	.5

Science	**3 Credits**
Biology I	1
Chemistry or Physics	1
Another Lab Science	1

Social Studies	**3 Credits**
World History & Geography	1
US History & Geography	1
Economics	.5
Government	.5

Foreign Language (In the same language)	**2 Credits**

Fine Arts (Such as General Music, Music History, Theater, Visual Art)	**1 Credit**

Elective Focus (See note)	**3 Credits**

Additional Requirements: ACT and Passing Score on Civics Exam

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Other information:

- All courses listed in this guide, except for required courses, may be altered according to student demand and teacher availability.
- Students will not be allowed to change a course selection once the registration process is complete unless the CUS staff has made an error. Schedule adjustments will be made as deemed necessary by the CUS staff for completion of graduation requirements.

According to State Board Policy, schools may waive the foreign language and/or fine arts requirements in exceptional circumstances. If waived, these credits will be added to the Elective Focus requirement.

Note: The State Board of Education requires all students to complete an **elective focus** program of study of no less than three credits to prepare for postsecondary study and lifelong learning. The student's choice of elective focus program should be finalized by the end of the sophomore year.

2024-2025 Culleoka High School Course Offerings

Agricultural Engineering, Industrial, and Mechanical Systems	
C18H19	Agriscience
C18H12	Principles of Agricultural Mechanics
C18H13	Agricultural Power and Equipment
C18H42	Agricultural Fabrication and Biosystems Engineering
C18H57	Capstone Supervised Agricultural Experience
Banking and Finance	
C12H26	Introduction to Business and Marketing
C31H23	Introduction to Entrepreneurship
C29H00	Accounting I
C29H01	Accounting II
C29H02	Financial Planning
C12H44	Introduction to Business: SDC (EPSO)
Criminal Justice and Correction Services	
C30H00	Criminal Justice I
C30H01	Criminal Justice II
C30H02	Criminal Justice III: Forensic Criminal Investigations
C30H11	Criminal Justice: SDC (EPSO)
English	
G01H09	English I
G01H09H	Honors English I
G01H10	English II
G01H10H	Honors English II
G01H11	English III
G01H11H	Honors English III
G01H13	English IV
G01H13H	Honors English IV
G01H15	Journalism I
G01H02	Journalism II
G01H03	Journalism III
G01H04	Journalism IV
G01H71	Speech and Communication: SDC (EPSO)
Fine Arts	
G05HC8	Art History
G05H11	General Music
G05HB3	Music History
G05H16	Theatre Arts I
G05H17	Theatre Arts II
G05H18	Theatre Arts III
G05H19	Theatre Arts IV
G05H08	Visual Art I
Foreign Language	
G24H04	Spanish I
G24H05	Spanish II
G24H06H	Honors Spanish 3
Health Science Education	
C14H14	Health Science Education
C14H08	Rehabilitation Careers
C14H09	Anatomy & Physiology
C14H32	Medical Assisting-Dual Enrollment
Horticulture Science	
C18H19	Agriscience
C18H30	Principles of Plant Science and Hydroculture
C18H17	Greenhouse Management
C18H09	Introduction to Plant Science: SDC (EPSO)
C18H16	Landscaping and Turf Science
Mathematics	
G02H00	Algebra I
G02H11	Geometry
G02H05	Algebra II
G02H75S	SAILS SDC Statistics
G02H74	Pre-Calculus: SDC (EPSO)
G02H97	Mathematical Reasoning for Decision Making
Science	
G03H03	Biology
G03H10	AP Biology (EPSO)
G03H12	Chemistry
G03H20	Physics
Social Studies	
G04H10	World History & Geography
G04HB4	World History: SDC (EPSO)
G04H11	United States History & Geography
G04HB3	American History II: SDC (EPSO)
G04H36	Personal Finance
G04H13	Economics
G04H12	U.S. Government & Civics
G04HB5	Psychology: SDC (EPSO)
G04H17	Contemporary Issues
STEM Engineering	
C21H04	Principles of Engineering and Technology
C21H05	Engineering Design I
C21H06	Engineering Design II

C21H14	Engineering Practicum
Veterinary and Animal Science	
C18H19	Agriscience
C18H20	Small Animal Science Technologies
C18H27	Large Animal Science Technologies
C18H21	Veterinary Science Technologies
Wellness	

G08H02	Lifetime Wellness
G08H00	Physical Education I
Other Classes	
G25H00	ACT Preparation, Postsecondary, and Career
G10H06	Computer Science
C25H15	Success Skills through Service Learning
	Work-Based Learning

***Course scheduling depends on student course requests and teacher availability.**

Agriculture

CTE Organization: FFA - Annual Dues $15

Agriscience - 1 Credit

Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology plays in the twenty-first century. In addition, it serves as the first course for all programs of study in the Agriculture, Food, & Natural Resources cluster. Upon completion of this course, proficient students will be prepared for success in more advanced agriculture and science coursework. This course counts as a lab science credit toward graduation requirements.

Principles of Agricultural Mechanics - 1 Credit

Prerequisite: Agriscience

This course prepares students for operational procedures for a shop or home environment. Students learn basic skills in areas ranging from welding and electricity to land measuring and plumbing.

Agricultural Power and Equipment - 1 Credit

Prerequisite: Principles of Agricultural Mechanics

This course deals directly with agriculture-related machines and engine power. Basic agricultural mechanics is reinforced during the practical applications portion of the course.

Agricultural Fabrication and Biosystems Engineering - 1 Credit

Prerequisite: Agricultural Power and Equipment

Agricultural Engineering includes standards on metal fabrication and agriculture structures. Subject matter will include hot/cold metal work, cost and material computation, electrical wiring, engine service and repair, blueprint reading, drawing and selection of appropriate materials for projects.

Supervised Agricultural Experience - ½ Credit

Instructor Approval Required

A Supervised Agricultural Experience (SAE) is a structured experiential learning opportunity that takes place in a setting outside of regular school hours. SAEs allow students to experience the diversity of agriculture and natural resources industries and to gain exposure to agricultural-related career pathways. **Note: A student may earn ½ credit each year, up to a maximum of 2 credits.**

Banking and Finance

CTE Organization: FBLA - Annual Dues $20

Introduction to Business and Marketing - 1 Credit

This is an introductory course designed to give students an overview of the Business management and Administration, Marketing, and Finance career clusters. The students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics.

Introduction to Entrepreneurship - 1 Credit

Entrepreneurship is a mindset—a way of looking at things that is opportunity-focused and creative. It's about creating value for customers and investors, gaining independence in your career, taking bold risks, and solving challenges with undefined solutions. To be an entrepreneur, you need to have the ability to innovate—to improve the old and invent the new. You need passion—doing what you love. Above all, you need persistence—getting up every day and moving forward with no one telling you what to do or why to do it.

This course introduces an overview of the fundamentals of entrepreneurship. Whether you already have an idea and are eager to start your own business, or simply want to learn more about what an entrepreneurial career would be like, this course exposes you to the challenges of entrepreneurship—from conceptualizing new ventures to developing and managing them. Students will also design and produce products such as t-shirts and use their entrepreneurial skills to make a profit.

Accounting I - 1 Credit
Prerequisite: Introduction to Business
This course introduces concepts and principles based on a double-entry system of maintaining the electronic and manual financial records for a sole proprietorship, partnership and corporation. It includes analyzing business transactions, journalizing, posting, and preparing worksheets and financial statements.
*This class may be offered as Dual Enrollment for Juniors and Seniors.

Accounting II - 1 Credit
Prerequisite: Accounting I
Accounting II is an advanced study of concepts, principles, and techniques used by businesses to maintain electronic and manual financial records. This course expands on content explored in Accounting I to cover the accounting processes of a variety of different firms, including merchandising, manufacturing, and service-oriented businesses. Upon completion of this course, proficient students will gain in-depth knowledge of business accounting procedures and their applications to business operations.

Financial Planning - 1 Credit
Prerequisite: Banking and Finance
Financial Planning is the capstone course in the *Banking and Finance* program of study intended for students interested in advanced analysis of financial decision-making and wealth management. In this course, students will delve into advanced concepts related to saving, investment, taxation, and retirement planning, and will be responsible for compiling original portfolios of investment and retirement options to present to mock prospective clients. In addition, students will learn to critique the financial consultations of others based on ethical and legal considerations. *This class may be offered as Dual Enrollment for Juniors and Seniors.

Introduction to Business - Statewide Dual Credit (EPSO) - 1 Credit
The purpose of this course is to introduce the basic functions of business as a framework for further detailed study into business management and functional areas of accounting, software applications, marketing, leadership, organizational design, etc. Included in the course are vocational/career opportunities, business terminology, and the functions/theories that are utilized in the process of business management.
Students will take a state exam at the end of this course, and if they pass the exam, they will receive high school and college credit at no cost to them.

Criminal Justice and Correction Services
CTE Organization: Blue Knights

Criminal Justice I - 1 Credit
This course is the first level of study of criminal justice careers including an overview of the legal system. Course taught using hands-on activities, case studies, evidence collection, and field trips. Technology and career opportunities in criminal justice are explored. Students test for CPR certification.

Criminal Justice II - 1 Credit
Prerequisite: Criminal Justice I
This course is an in-depth study of criminal justice and law. Mock trials and field trips are offered. Course content will introduce new technology, forensic analysis, and career opportunities.

Criminal Justice III: Forensic Criminal Investigations - 1 Credit
Prerequisite: Criminal Justice II
This course includes application of knowledge gained from Criminal Justice I and II. Students are expected to travel outside the classroom as part of research gathering activities. There is an emphasis on problem solving and teamwork.

Criminal Justice - Statewide Dual Credit (EPSO) - 1 Credit
Prerequisites: Criminal Justice I and II
Course will consist of introductory college level material
Students will take a state exam at the end of this course, and if they pass the exam, they will receive high school and college credit at no cost to them.

English

Freshmen

English I (State Tested) - 1 Credit
This course includes the study of grammar, English usage, vocabulary, and literature. Writing assignments include paragraphs, various types of essays, and answering essay questions on selected tests. Short stories, poetry, and drama are included in the various styles of literature studied.

Honors English I (State Tested) - 1 Credit
Teacher selects the class roster from registration requests.
Course will be English I for the advanced level student who meets grade/testing criteria and teacher recommendation. Pace of the class will be faster and the depth of material will also be increased. A research project will also be included in the class activities.
Summer reading may be assigned prior to the end of school.

Sophomores

English II (State Tested) - 1 Credit

This course includes an overview of world literature, with selections from ancient Greece to the present, as well as the study of grammar, English usage, and vocabulary. Writing assignments include paragraphs, various types of essays, and answering essay questions on selected tests. Short stories, poetry, drama, and non-fiction selections are included in the various styles of literature studied.
Summer reading may be assigned prior to the end of school.

Honors English II (State Tested) - 1 Credit

The teacher selects the class roster from registration requests.
The course will be English II for the advanced level student who meets grade/testing criteria and teacher recommendations. In addition to the standard requirements, honors students will have an independent reading assignment and a research project.
Summer reading may be assigned prior to the end of school.

Juniors

English III - 1 Credit

This course is a study of American literature from the 1500s to pre-colonial Native Americans to the present. Different types of literature will be examined including short stories, poetry, speeches, biography, and drama. This course will refine English usage and vocabulary development. Students will conduct research and present their findings as a speech. Additionally, students will continue developing writing skills to answer essay questions on tests and produce well-crafted essays.
Summer reading may be assigned prior to the end of the previous school year.

Honors English III - 1 Credit

Teacher selects the class roster from registration requests.
The course will be English III for the advanced level student who meets grade/testing criteria and teacher recommendations. This course is a study of American literature from the 1600s to the present. In addition to the standard requirements, students will participate in an independent reading project and write a research paper. Students will create PowerPoint presentations and become accustomed to making presentations. Grammar will be embedded in the units as needed and emphasized in the essay analysis.
Summer reading may be assigned prior to the end of the previous school year.

Seniors

English IV - 1 Credit

This course is a chronological survey of British literature which includes passages from the Anglo-Saxon period through the modern period. English IV is based on the Tennessee Department of Education's English Language Arts Standards for Grade 12 - English IV, designed to prepare students with the knowledge and 21st-century literacy skills they will need for success in college and/or the workforce. The standards focus on critical and divergent thinking, problem-solving, active listening, recognizing patterns and anomalies, and evaluating resources.
Class Information Link and QR Code: http://bit.ly/3ZWpnWS

Honors English IV - 1 Credit

Teacher selects the class roster from registration requests. Course will be English IV for the advanced level student who meets grade/testing criteria and teacher recommendation. This course is a chronological survey of British literature which includes passages from the Anglo-Saxon period through the modern period. Paired texts are used as complementary passages to improve student reading skills. Two research papers are required of all students and essays are assigned on a bi-weekly basis. Each quarter, students prepare electronic presentations either individually or as part of a small group. Grammar is embedded in the units as needed and emphasized in each essay analysis.

Because this is an honors course, students are required to complete two long-term, major assignments.

English Electives

Journalism I, II, III, and IV - 1 Credit Each

Teacher selects the class roster from registration requests.
This course is for student journalists to explore skills in writing, research, photography, interviewing, technology, design, communication and problem solving while assisting in the production of student publications relevant and entertaining to students, faculty members and the community. There will be opportunities for students to create graphics to share on our school's Facebook page. Our final product will be the production and publication of "The Arrow" yearbook for grades 5-12.
Class Information Link and QR Code: http://bit.ly/3Xr20mA

Speech and Communication - Statewide Dual Credit (EPSO) - 1 Credit

Juniors and Seniors only

A course in interpersonal/intrapersonal aspects of communication focusing on public speaking (persuasive, informative, media, and small group) presentations. Also covers communication, history, critical thinking, multicultural, and mass media communication styles.

Students will take a state exam at the end of this course, and if they pass the exam, they will receive high school and college credit at no cost to them.

Class Information Link and QR Code:

https://bit.ly/3RmGoqQ

Fine Arts

Art History - 1 Credit

This course provides students with an overview of art, from its origins until modern times, including painting, sculpture, architecture, and photography. Selected topics and artists are explored with an emphasis on the art of the Western World. Students will also complete hands-on projects related to the themes studied.

General Music - 1 Credit

Welcome to General Music! This class will introduce you to various aspects of musical notation, piano/keyboard playing, musical fluency and analysis, composition, and aural skills.

Grades will come from regular assignments, as well as student participation during class. There will also be multiple small-scale projects concentrating on reading and writing musical notation and analysis and playing songs independently in class.

The long-term goals for you in this class are: learn to read and write music in treble clef and bass clef; to play fundamental piano with both hands independently; to excel in musical identification and analysis; to feel comfortable with singing and basic solfege; and, of course, to have a life-long appreciation of music.

Music History - 1 Credit

A concise overview of the history of Western Music from the Middle Ages to the present. The class emphasizes the evolution of musical styles, explores the changing social, cultural, economic, and political conditions that gave rise to those styles. Topics include Gregorian chant, opera, jazz, blues, the rise of instrumental music and contemporary artists. The class utilizes UNCONVENTIONAL methods to study the lives of Musicians—their good times, bad times and what the neighbors thought. What kind of child were they? How did they die? What went on in between? What did they eat? What were their phobias, quirks, and bad habits? Who were their "significant others"? Composers of yesteryear, much like today, had perseverance and a single-mindedness that led not only to success, but also to eccentricities, sometimes amusing, sometimes sad. This class delves into what it is like to live a truly creative life. Grades are determined through active participation, some written tests and many intriguing and creative assignments.

Theater Arts I - 1 Credit

Engaging, challenging, creative and fun projects that introduces theatre basics, theatre history and character development. Tap into your own creativity, gain self-confidence, and experience working collaboratively with others. Teamwork and dependability aren't just words-they are Tools of the Trade.

.....Acting styles, theatre history, critique skills, rehearsal techniques, performance technique.....

Theater Arts II- 1 Credit

Prerequisite: Theater Arts I

Honing audition skills, stagecraft, production techniques, choreography, rehearsal techniques, performance technique, public speaking & improvisation. These artistic mediums also include building life skills, time management, and social skills.

Multiple small-scale projects concentrating on improvisation, reading and writing scripts.

Theater Arts III - 1 Credit

Prerequisite: Theater Arts II

Set Design, Various areas of Technical Theater, Makeup/Costume Design, Stage Combat

Engaging in an exploration of the world from multiple perspectives, while developing artistic skills and cultivating your capacities for collaboration, critical-thinking, creative problem-solving, and effective communication.

Theater Arts IV - 1 Credit

Prerequisite: Theater Arts III

What's in a Video....who, what, when, where, how of videography.

*All classes are primarily a hands-on, on-your-feet class, daily projects, and both individual and group performances

Visual Art - 1 Credit

Embark on a creative journey in our high school visual art class, where the curriculum unfolds as a captivating exploration of diverse artistic media. This course invites students to delve into the dynamic world of visual expression, encompassing painting, drawing, sculpture,

digital art, and more. Through hands-on projects and guided experimentation, students will discover the unique possibilities each medium offers, fostering not only technical skills but also unleashing their imaginative potential. Join us to cultivate a rich palette of artistic abilities and develop a profound appreciation for the limitless avenues of visual creativity.

Foreign Language

Note: All students are required to successfully complete two years of the same foreign language.

Spanish I - 1 Credit

Prerequisite: English I

This course is a foundational course in a modern language. This course introduces students to the Spanish language, the countries where Spanish is spoken, and the customs of those countries. Basic vocabulary and basic grammar are taught to enable students to read, write, speak, and understand the Spanish language. Students will also develop an understanding of Hispanic culture and history, while identifying and appreciating diversity in their own community.

Spanish II - 1 Credit

Prerequisite: Spanish I

This course is a continuation of Spanish I skills and activities with an emphasis on Spanish conversation and listening/reading comprehension. Preparation for practical everyday Spanish usage is taught, as well as continued development of linguistic proficiency and cultural sensitivity.

Honors Spanish 3 - 1 Credit

Prerequisite: Successful completion of Spanish 1 and 2
Teacher selects the class roster from registration requests.

This course will be for the motivated and advanced Spanish student who meets grade/testing criteria and teacher recommendation. Honors Spanish 3 is a continuation of Spanish II and prepares students to perform interpersonal, interpretive, and presentational communicative tasks in Spanish within the intermediate range on the ACTFL Proficiency scale. With a focus on listening, speaking, reading, and writing in the Target Language, Spanish 3 students will continue to make connections between Spanish and other subject areas while exploring the relationship between the practices, perspectives, and products of other cultures. *ACTFL= American Council on the Teaching of Foreign Languages

Health Sciences Education

Who should take this class/program: Students interested in a career in healthcare such as, but not limited to: registered nurse, certified nurse assistant, nurse practitioner, EMT, paramedic, firefighter, doctor, dentist, dental hygienist, pharmacy tech, pharmacist, medical lab tech, phlebotomist, radiologist, radiology technician, ultrasound technician, respiratory tech, physical therapist, physical therapy assistant, orthodontist, surgeon, physician assistant, OB/GYN, occupational therapist, CRNA, anesthesiologist, psychiatrist, pediatrician, chiropractor, midwife.

Health Science Education - 1 Credit

Health Science Education is an introductory course designed to prepare students to pursue careers in the fields of public health, therapeutics, health informatics, diagnostics, and support services. Upon completion of this course, a proficient student will be able to identify careers in these fields, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills. This course will serve as a strong foundation for all of the Health Science programs of study.

Rehab Careers - 1 Credit

Prerequisite: Health Science Education

Rehabilitation Careers is an applied course designed to prepare students to pursue careers in rehabilitation services. Upon completion of this course, a proficient student will be able to identify careers in rehabilitation services, recognize diseases, disorders, or injuries related to rehabilitation services, correlate the related anatomy and physiology then develop a plan of treatment with appropriate modalities. Students may choose to obtain certification as a physical therapy aide or personal trainer.

Anatomy & Physiology - 1 Credit

Prerequisite: Health Science, Rehabilitation Careers

Anatomy and Physiology is designed to develop an understanding of the structures and functions of the human body, while relating those to knowledge and skills associated with pathophysiology. Upon completion of this course, proficient students will be able to (1) apply the gross anatomy from earlier courses to a deeper understanding of all body systems, (2) identify the organs and structures of the support and movement systems, (3) relate the structure and function of the communication, control, and integration system, and (4) demonstrate a professional, working understanding of the transportation, respiration, excretory, and reproductive systems.

Medical Assisting - 1 Credit Dual Enrollment

Instructor Approval Required

Prerequisites: Health Science Education, Anatomy & Physiology

A medical assistant is a multi-skilled allied health care professional who specializes in procedures commonly performed in the ambulatory health care setting. With this certification, students will be prepared to perform both clinical and administrative duties and assist a variety of providers including physicians, nurse practitioners, and physician assistants. Upon successfully passing the exam at the end of the course, the student can enter the workforce earning approximately a salary of $30,000. This course is a great opportunity for anyone wanting to enter the healthcare field.

Horticulture Science

Agriscience - 1 Credit

Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology plays in the twenty-first century. In addition, it serves as the first course for all programs of study in the Agriculture, Food, & Natural Resources cluster. Upon completion of this course, proficient students will be prepared for success in more advanced agriculture and science coursework. This course counts as a lab science credit toward graduation requirements.

Principle of Plant Science and Hydroculture - 1 Credit

Prerequisite: Agriscience

Principles of Plant Science and Hydroculture focuses on essential knowledge and skills related to the science of plant growth. This course covers principles of plant health, growth, reproduction, and biotechnology, as well as fundamental principles of hydroponics and aquaponics. Upon completion of this course, proficient students will be prepared for more advanced coursework in horticulture science.

Greenhouse Management - 1 Credit

Prerequisite: Principle of Plant Science and Hydroculture

Greenhouse Management is an applied-knowledge course designed to prepare students to manage greenhouse operations. This course covers principles of greenhouse structures, plant health and growth, growing media, greenhouse crop selection and propagation, and management techniques. Upon completion of this course, proficient students will be equipped with the technical knowledge and skills needed to prepare for further education and careers in horticulture production. Greenhouse Management is a dual credit course with statewide articulation.

Introduction to Plant Science - Statewide Dual Credit (EPSO) - 1 Credit

Prerequisite: Agriscience

A college level exploration of plant science covers principles of hydroponics and aquaponics. Upon completion of this course, proficient students will be prepared for more advanced coursework in horticulture science. **Students will take a state exam at the end of this course, and if they pass the exam, they will receive high school and college credit at no cost to them.** This class also counts as a science credit.

Landscaping and Turf Management - 1 Credit

Prerequisite: Greenhouse Management (C18H17) or SDC: Introduction to Plant Science (C18H09)

Landscaping and Turf Science is an applied course designed to provide challenging academic standards and relevant technical knowledge and skills needed for further education and careers in landscape design, maintenance, and turf management. Content includes site analysis and planning, principles of design, and plant selection and care techniques. Upon completion of this course, proficient students will be prepared to pursue advanced study of landscaping and turf science at a postsecondary institution. This class counts as a Fine Arts Credit.

Mathematics

Students are required to take a math course all four years. All Algebra I, Geometry, and Algebra II classes have a strong focus on Tennessee State Standards. A scientific calculator is the minimum technology needed for Algebra I, Geometry, and Bridge math. A graphing calculator is needed for other math classes (and highly recommended for all math classes.)

***Math courses are assigned each year based on TCAP and ACT scores, as well as teacher recommendations.**

Algebra I - (State Tested) - 1 Credit
The student develops skills necessary for upper level math courses. Topics include signed numbers, equations, functions, and other manipulation skills**.**

Geometry (State Tested) - 1 Credit
Prerequisite: Algebra I
This course is a study of geometric concepts, including length, area, volume, and transformations. Also includes relationships between various geometric figures and patterns.

Algebra II (State Tested) - 1 Credit
Prerequisite: Algebra I
This course is an extension of Algebra I with an in-depth study of graphs, functions, and absolute value. The course also includes an introduction to statistics and matrices and use of graphing calculator.

SAILS SDC Statistics (EPSO) - 1 Credit
Prerequisite: Geometry and Algebra II
Teacher selects the class roster from registration requests.
This course aligns the Statewide Dual Credit (SDC) Introduction to Probability and Statistics learning objectives with the Tennessee Board of Regents (TBR) Math Learning Support competencies, making it an Early Postsecondary Opportunity (EPSO) for students. Upon completion students can:

- Receive credit for their required 4th-year high school math course
- Eliminate college math remediation for Introduction to Probability and Statistics and/or Math for General Studies
- Obtain a stronger background in Probability and Statistics
- Meet Ready Graduate Indicator for an EPSO
- Earn early college credit for free (by passing the SDC Challenge Exam)
- Remove financial burdens by not paying for remedial classes in college
- Save time by starting college-level math right away in college without retaking the ACT or other placement tests

Eligibility

- **Students must score less than a 19 on the math component of the ACT**

Pre-Calculus - Statewide Dual Credit (EPSO) - 1 Credit
Prerequisites: Geometry and Algebra II
This course is a combination of Pre-Calculus and Trigonometry to prepare students for college math courses. The working of various mathematical problems is taught through lecture. Student will take an exam at the end of the course. **Students will take a state exam at the end of this course and if they pass it they will receive high school and college credit at no cost to them.**

Mathematical Reasoning for Decision Making- 1 Credit
Prerequisite: Algebra II and Geometry
Applications and modeling using mathematics are the primary foci of this course. Throughout the course, students explore mathematical content in the context of applications to the real-world. Topics will build upon previous knowledge requiring students to reason, solve, and represent mathematical concepts in multiple ways to encourage the use of math to answer problems students will encounter in life. This course is best intended for students who are planning to attend a College of Applied Technology, military service, or enter the workforce immediately following graduation.

Science

Biology (State Tested) - 1 Credit
This course is the study of cell structure and function, heredity, evolution, interdependence and matter, energy, and organization.

AP Biology (EPSO) - 1 Credit
Prerequisites: Biology I and Chemistry I
The class roster is selected from registration requests.
This course is designed to enable students to develop advanced inquiry and reasoning skills. Key concepts and related content are organized around principles which encompass the core scientific principles, theories, and processes governing living organisms and biological systems.
Lab Fee $50; AP Exam (estimated $94)

Chemistry - 1 Credit
Prerequisite: Must have passed Algebra I
Students receive a foundation of theoretical and descriptive chemistry as well as problem solving techniques. Course is taught through lecture and hands-on activities.

Physics - 1 Credit
Prerequisite: Algebra II or Geometry
Physics is the study of the relationship between matter and energy and how they interact. Study includes motion, sound, waves, light, electricity, and magnetism. Course is taught through lecture and hands-on activities.

Social Studies

World History & Geography - 1 Credit

This course studies the social, economic, political, and intellectual characteristics of human society. Students will explore geographic influences on history, with attention given to political boundaries that developed with the evolution of nations from 1750 to the present and the subsequent human geographic issues that dominate the global community. Emphasis is given to those men and women, movements, and ideas influencing the development of the modern world.

World History & Geography - Statewide Dual Credit (EPSO) - 1 Credit

Prerequisite: Students must have taken and passed English I and English II as well as be enrolled as an 11th or 12th grade student to enroll in this course.

This course studies the social, economic, political, and intellectual characteristics of human society. Students will explore geographic influences on history, with attention given to political boundaries that developed with the evolution of nations from 1750 to the present and the subsequent human geographic issues that dominate the global community. Emphasis is given to those men and women, movements, and ideas influencing the development of the modern world.

Students will take a state exam at the end of this course, and if they pass the exam, they will receive high school and college credit at no cost to them.

US History & Geography (State Tested) - 1 Credit

This course begins in the last half of the 19th Century with the development of America as an industrialized nation. Students will continue to use skills for historical and geographical analysis as they examine American history since Reconstruction. The 20th century is the major focus as America endures wars, depression, civil rights, and the impact of dramatic technological advances.

American History II - Statewide Dual Credit (EPSO) - 1 Credit

Prerequisite: Students must have taken and passed English I and English II and be enrolled as an 11th or 12th grade student to enroll in this course.

This course begins in the last half of the 19th Century with the development of America as an industrialized nation. Students will continue to use skills for historical and geographical analysis as they examine American history since Reconstruction with special attention to race and ethnicity, gender, politics and law, economics, society and culture. The 20th century is the major focus as America endures wars, depression, civil rights, and the impact of dramatic technological advances.

Students will take a state exam at the end of this course, and if they pass the exam with a 75, they will receive high school and college credit at no cost to them.

Personal Finance - ½ Credit

This course examines how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing.

Economics - ½ Credit

Economics is the study of our attempts to satisfy wants/needs through the careful use of scarce resources. Students investigate consumer issues and develop skills in financial planning and use of income.

U.S. Government and Civics - ½ Credit

This course is a survey of the national political system. Topics include democratic theory, the Constitution, federalism, socialism, public opinion, political parties, civil liberties, and foreign and domestic policies.

Psychology - Statewide Dual Credit (EPSO) - 1 Credit

Juniors and Seniors only

This course is designed to provide an overview of the field of psychology and human behavior. The topics of philosophy, history, biology, learning, personality, abnormal behavior, treatment, applied memory, intelligence, motivation, consciousness, perception and sensory are included.

Class Information Link and QR Code: http://bit.ly/3kC024k

Contemporary Issues - 1 Credit

Juniors and Seniors only

In Contemporary Issues, students study various dynamic issues facing today's society enabling them to discover their values and responsibilities as citizens in that society. The course will utilize six social studies standards of essential content knowledge and four process skills are integrated for instructional purposes. Students will utilize different learning methods to research, discuss, debate and formulate opinions on those contemporary issues.

STEM Engineering

Principles of Engineering and Technology - 1 Credit

Principles of Engineering and Technology is a foundational course in the STEM cluster for students interested in learning more about careers in engineering and technology. This course covers basic skills required for engineering and technology fields of study. Upon completion of this course, proficient students are able to identify and explain the steps in the engineering design process. They can evaluate an existing engineering design, use fundamental sketching and engineering drawing techniques, complete simple design projects using the engineering design process, and effectively communicate design solutions to others.

Engineering Design I - 1 Credit

Prerequisite: Principles of Engineering and Technology

Engineering Design I is a fundamental course in the STEM cluster for students interested in developing their skills in preparation for careers in engineering and technology. The course covers essential knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to describe various engineering disciplines, as well as admissions requirements for postsecondary engineering and engineering technology programs in Tennessee. They will also be able to identify simple and complex machines; calculate various ratios related to mechanisms; explain fundamental concepts related to energy; understand Ohm's Law; follow the steps in the engineering design process to complete a team project; and effectively communicate design solutions to others.

Engineering Design II - 1 Credit

Prerequisite: Engineering Design I

Engineering Design II is an applied course in the STEM career cluster for students interested in further developing their skills as future engineers. This course covers knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to explain the differences between scientists and engineers, understand the importance of ethical practices in engineering and technology, identify components of control systems, describe differences between laws related to fluid power systems, explain why material and mechanical properties are important to design, create simple free body diagrams, use measurement devices employed in engineering, conduct basic engineering economic analysis, follow the steps in the engineering design process to complete a team project, and effectively communicate design solutions to others. Note: Students are expected to use engineering notebooks to document procedures, design ideas, and other notes for all projects throughout the course.

Engineering Practicum - 1 Credit

Prerequisite: Engineering Design II

Engineering Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Engineering courses within a professional, working environment. In addition to developing an understanding of the professional and ethical issues encountered by engineers and technologists in the workplace, students learn to refine their skills in problem solving, research, communication, data analysis, teamwork, and project management. The course is highly customizable to meet local system needs: instruction may be delivered through school laboratory training or through work-based learning arrangements such as internships, cooperative education, service learning, mentoring, and job shadowing. Upon completion of the practicum, students will be prepared for postsecondary study in engineering and technology fields.

Veterinary and Animal Science

Agriscience - 1 Credit

Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology plays in the twenty-first century. In addition, it serves as the first course for all programs of study in the Agriculture, Food, & Natural Resources cluster. Upon completion of this course, proficient students will be prepared for success in more advanced agriculture and science coursework. This course counts as a lab science credit toward graduation requirements.

Small Animal Science Technologies - 1 Credit

Prerequisite: Agriscience

Small Animal Science Technologies is an intermediate course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers the anatomy and physiological systems of different groups of small animals, as well as careers, leadership, and history of the industry. Upon completion of this course, proficient students will be prepared for more advanced coursework in veterinary and animal science.

Large Animal Science Technologies - 1 Credit

Prerequisite: Small Animal Science Technologies

Large Animal Science Technologies is an applied course in veterinary and animal science for students interested in learning more about becoming a veterinarian, vet tech,

vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers the anatomy and physiological systems of different groups of large animals, as well as careers, leadership, and history of the industry. Upon completion of this course, proficient students will be prepared for success in the level-four Veterinary Science course and further postsecondary training.

Veterinary Science - 1 Credit

Prerequisite: Large Animal Science Technologies
Veterinary Science is an advanced course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers principles of health and disease, basic animal care and nursing, clinical and laboratory procedures, and additional industry-related career and leadership knowledge and skills. Upon completion of this course, students can pursue advanced study of veterinary science at a postsecondary institution.

Wellness

Lifetime Wellness - 1 Credit

This course is an integrated approach to health and physical fitness. Integrated health topics include personal fitness, mental health, disease prevention, safety, family life, substance abuse, and nutrition.

Physical Education I - ½ credit

Sophomores and above
This class is designed to aid in the development of each student physically, mentally, and socially. The program will include beginning instruction and practice and play in individual and team sports.

Other

ACT Preparation, Postsecondary, and Career - ½ - 1 Credit

Preparing for the ACT, Postsecondary, and Career is designed to assist students in (a) understanding what the ACT is, why it is important for their postsecondary readiness, and how to interpret their progress/results; (b) understanding how academic skills connect to career pathways and postsecondary opportunities; (c) preparing for the ACT exam through instruction, practice, and familiarity with the structure and format of the ACT exam; and (d) identifying and using best practices for maximizing one's score (e.g. "test tips", strategies for dealing with test anxiety, benefits of retaking the exam). The course is appropriate for all students in grades 9-12.

Computer Science – 1 Credit

Introduction to Python is a year-long course that covers the basics of the Python programming language, with a special emphasis on artificial intelligence (AI) applications and data analysis. Students will learn about the fundamentals of computer science (CS) and how it is used in various applications in the world around us, particularly those built using Artificial Intelligence and Data Analysis techniques. They will learn how to code using the programming language Python and understand best practices while completing a variety of exercises, assessments, and projects. Students will also learn data analysis and data visualization techniques as well as the ethical impacts of computing.

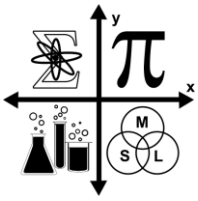
Success Skills through Service Learning - 1 Credit

Juniors and Seniors only
This course gives students an opportunity to contribute to some aspect of school/community through volunteerism.

Work-Based Learning: Career Practicum - 1 Credit

Juniors and Seniors Only
This capstone course provides opportunities to apply skills and knowledge within a professional work environment through apprenticeships, internships, and cooperative education. (A "related" course may be any academic or CTE class.) Personal transportation is required for all off campus assignments. **The WBL Coordinator will review student attendance, discipline, and grades to select participants.**

CULLEOKA HIGH SCHOOOL ELECTIVE FOCUS AREAS

<table>
<tr><td>  </td><td>Agriculture</td><td colspan="5">Did you know that Agriculture employs more people than any other industry in the world? Learn about this exciting field that is more than just sows, cows, and plows.</td></tr>
<tr><td></td><td></td><td>9th Agriscience</td><td>10th Principles of Agricultural Mechanics</td><td>11th Agricultural Power and Equipment</td><td>12th Agricultural Fabrication and Biosystems Engineering</td><td>9th – 12th Supervised Agricultural Experience</td></tr>
<tr><td>  </td><td>Banking and Finance</td><td colspan="5">Are you interested in management, in professional occupations (such as an accountant or systems analyst) or in self-employment in one of the fastest growing industries? High paying jobs are available in every sector of the economy.</td></tr>
<tr><td></td><td></td><td>9th Intro to Business and Marketing</td><td>10th Accounting I and/or Introduction to Entrepreneurship</td><td>11th Accounting II and/or Financial Planning</td><td colspan="2">12th Intro to Business-SDC</td></tr>
<tr><td>  </td><td>Criminal Justice and Correction Services</td><td colspan="5">“Bad boys…bad boys…whatcha gonna do…when they come for you?” Develop the skills that are needed in law enforcement and the justice system.</td></tr>
<tr><td></td><td></td><td>9th Criminal Justice I</td><td>10th Criminal Justice II</td><td>11th Criminal Justice III</td><td colspan="2">12th Criminal Justice-SDC</td></tr>
<tr><td>  </td><td>Fine Arts</td><td colspan="5">Picasso, Beyonce, Kenny G…what do they have in common? Let the creative part of who you are and whom you want to be SHINE through a Fine Arts focus.</td></tr>
<tr><td></td><td></td><td colspan="5">Any three fine arts courses beyond the core one credit requirement:
Art History, General Music, Music History, Theatre Arts, Visual Art</td></tr>
<tr><td>  </td><td>Health Science</td><td colspan="5">Need an adrenaline rush while saving a life? Ever dreamed of becoming a doctor, nurse, dentist, physical therapist, or pharmacist? Will you be the one to contain the spread of the Ebola virus?</td></tr>
<tr><td></td><td></td><td>9th Health Science Education</td><td>10th Rehabilitation Careers</td><td>11th Anatomy and Physiology</td><td colspan="2">12th Medical Assisting-Dual Enrollment</td></tr>
<tr><td>  </td><td>Math & Science</td><td colspan="5">How would you like to be in demand most anywhere, anytime? Science and mathematics career opportunities range from engineers to lab technicians to teachers.</td></tr>
<tr><td></td><td></td><td colspan="5">Any combination of three beyond core requirements for math (4 credits – Algebra I, Geometry, Algebra II, and an upper level math) and science (3 credits – Biology, Chemistry or Physics, and another science) *This focus area will require permission from school counselor as student will likely need to take college-level math/science to meet requirements</td></tr>
<tr><td></td><td></td><td colspan="3"><u>Math</u>
Algebra I
Geometry
Algebra II
Pre-Calculus-SDC
Elementary Statistics-SDC</td><td colspan="2"><u>Science</u>
Agriscience
Biology I
Chemistry
Physics</td></tr>
</table>

	Horticulture Science	9th Agriscience	10th Principles of Plant Science and Hydroculture	11th Greenhouse Management 11th SDC Introduction to Plant Science	12th Landscaping and Turf Science
STEM	STEM Engineering	STEM Engineering applies science, technology, engineering, and math to solve complex, open-ended problems in a real-world context. For those who may not plan an engineering career, there are opportunities to develop skills in collaboration, communication, and critical thinking relevant to any field.			
		9th Principles of Engineering and Technology	10th Engineering Design I	11th Engineering Design II	12th Engineering Practicum
	Veterinary and Animal Science	9th Agriscience	10th Small Animal Science Technologies	11th Large Animal Science Technologies	12th Veterinary Science Technologies